


Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 19543  
Application ID: 10065641  
Title of Invention: METHOD AND SYSTEM FOR  
MODEL BASED CONTROL OF  
HEAVY DUTY GAS TURBINE  
First Named Inventor: Minesh Shah  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-11-05  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 040849-0207  
Digital Certificate Holder: cn=Michael D. Kaminski, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: CieGxTyMGQsUVYetAczVMQ==  
Total Fees Authorized: \$1068.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 190741  
Deposit Account Name: Bonita Huber





# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

040849-  
0207

## METHOD AND SYSTEM FOR MODEL BASED CONTROL OF HEAVY DUTY GAS TURBINE

First Named Inventor: Minesh Ashok Shah

### SUBMITTED BY

Name:	Mr. Michael D. Kaminski
Registration Number:	32,904
Electronic Signature Mark: /mdka	Date Signed: 20021105

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	dec01.tif
declaration	dec02.tif
declaration	dec03.tif

patent-assignments  
fee-transmittal  
specification  
bibd-transmittal

epaveasgn.xml  
epavefee.xml  
finalspec2.xml  
epaveapds.xml

**Attached Image File(s):**

dec01.tif  
dec02.tif  
dec03.tif

Comments:

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND SYSTEM FOR MODEL BASED CONTROL OF HEAVY DUTY GAS TURBINE

(Attorney Docket No. 040849-0207)

(GE Docket Number -126069)

the specification of which (check one)

  X   is attached hereto.

       was filed on        as United States Application Number or PCT International Application Number Unassigned and was amended on        (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

GE Docket Number -126069

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

I HEREBY APPOINT the following registered attorneys and agents to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith:

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Atty. Dkt. No. 040849-0207

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I request that all correspondence be directed to:

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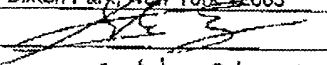
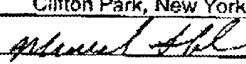
22428

PATENT TRADEMARK OFFICE

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I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Stephane RENOU
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Inventor's signature	
Date	10/31/02

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1068**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Bonita Huber

Electronic Signature Mark: \bhuber

Date Signed: 20021105

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 36	1202	\$ 18	16	\$ 288
Independent Claims: 3	1201	\$ 84	0	\$ 0



Subtotal For Extra Claims Fees: \$ 288

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40